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OM protein - protein search, using sw model

Run on: June 12, 2003, 15:31:31 ; Search time 19 Seconds

(without alignments)
103.240 Million cell updates/sec

Title: US-09-869-540a-2

Sequence: 1 DFDMLKMLGRTVPCMGV 19

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 392085 seqs, 103240269 residues

Total number of hits satisfying chosen parameters: 392085

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_AA:*

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13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB pep: *
14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB pep: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	113	100.0	19	9	US-09-791-932-183
2	113	100.0	19	10	US-09-925-776-7
3	87	77.0	17	9	US-09-791-932-184
4	44.5	39.4	86	10	US-09-867-550-486
5	43.5	38.5	141	9	US-09-925-299-787
6	43.5	38.5	141	10	US-09-925-299-787
7	42.5	37.6	369	10	US-09-893-737-50
8	42	37.2	226	9	US-10-074-475-199
9	41	36.3	184	9	US-10-062-548-62
10	41	36.3	373	9	US-10-318-142-6
11	41	36.3	373	9	US-10-318-142-6
12	41	36.3	373	10	US-09-760-354A-2
13	41	36.3	378	9	US-10-073-885-77
14	41	36.3	890	9	US-10-060-425-2
15	41	36.3	890	9	US-10-060-425-8
16	41	36.3	890	9	US-10-060-425-10
17	40.5	35.8	493	9	US-09-059-228-2
18	40.5	35.8	493	10	US-09-742-684-12
19	40	35.4	116	10	US-09-864-761-35569

20	40	35.4	117	10	US-09-897-438B-2	Sequence 2, Appl1
21	39	34.5	19	10	US-09-030-482B-28	Sequence 28, Appl1
22	39	34.5	58	10	US-09-864-761-47446	Sequence 47446, A
23	39	34.5	79	9	US-09-764-891-4050	Sequence 4050, Ap
24	39	34.5	123	9	US-09-764-891-4100	Sequence 4100, Ap
25	39	34.5	190	9	US-10-068-347-6	Sequence 6, Appl1
26	39	34.5	523	10	US-09-753-008-2	Sequence 2, Appl1
27	39	34.5	4303	9	US-09-904-968A-2	Sequence 2, Appl1
28	38.5	34.1	166	9	US-09-954-692-86	Sequence 86, Appl1
29	38.5	34.1	166	10	US-09-959-671A-86	Sequence 86, Appl1
30	38.5	34.1	166	10	US-09-977-034-17	Sequence 977, Appl1
31	38.5	34.1	271	9	US-09-738-626-5080	Sequence 5080, Ap
32	38.5	34.1	505	10	US-09-771-161A-200	Sequence 200, Ap
33	38.5	34.1	505	10	US-09-903-068-8	Sequence 8, Appl1
34	38.5	34.1	505	10	US-09-903-068-16	Sequence 16, Appl1
35	38.5	34.1	505	10	US-09-874-628-8	Sequence 8, Appl1
36	38	33.6	90	9	US-09-925-299-1529	Sequence 1529, Ap
37	38	33.6	90	10	US-09-925-299-1529	Sequence 5078, Ap
38	38	33.6	99	9	US-09-764-881-6078	Sequence 10, Appl1
39	38	33.6	128	9	US-10-225-519-10	Sequence 424, Ap
40	38	33.6	150	10	US-09-741-669-424	Sequence 5, Appl1
41	38	33.6	160	9	US-10-269-781-5	Sequence 4, Appl1
42	38	33.6	260	9	US-10-225-519-4	Sequence 2, Appl1
43	38	33.6	261	9	US-10-225-519-2	Sequence 25, Appl1
44	38	33.6	270	9	US-10-225-519-25	Sequence 27, Appl1
45	38	33.6	271	9	US-10-225-519-27	

ALIGNMENTS

RESULT 1
US-09-791-932-183
Sequence 183, Application US/09791932
Publication No. US20030003451A1
GENERAL INFORMATION:
APPLICANT: Vogell, Gabriel
APPLICANT: Patrodi, Luis A.
APPLICANT: Hiedsch, Ronald R.
APPLICANT: Lind, Peter
APPLICANT: Kayles, Paul S.
APPLICANT: Ruff, Valerie
APPLICANT: Huff, Rita M.
APPLICANT: Wood, Linda S.
TITLE OF INVENTION: No. US20030003451A1 G protein-coupled Receptors Cross-refe
FILE REFERENCE: 00325 US1
CURRENT FILING DATE: US/09/791,932
PRIOR FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: 60/184,305
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,304
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,303
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,397
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,247
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/188,880
PRIOR FILING DATE: 2000-03-13
PRIOR APPLICATION NUMBER: 60/217,369
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/217,370
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/218,492
PRIOR FILING DATE: 2000-07-20
PRIOR APPLICATION NUMBER: 60/186,810
PRIOR FILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: 60/188,064
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: 60/186,457
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: 60/213,861

PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: 60/194,344
PRIOR FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: 60/218,337
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 184
SOFTWARE: Patent version 3.0
SEQ ID NO 183
LENGTH: 19
TYPE: PRT
ORGANISM: Homo sapiens
US-09-791-932-183

Query Match 100.0%; Score 113; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e-11;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFDLRCMLGRYRRCMOV 19
DB 1 DFDLRCMLGRYRRCMOV 19

RESULT 2
US-09-925-776-7
Sequence 7, Application US/09925776
Patent No. US20020038007A1
GENERAL INFORMATION:
APPLICANT: AMES, ROBERT S., JR.
APPLICANT: SARAU, HENRY M.
APPLICANT: FOLEY, JAMES J.
APPLICANT: BERGSMAN, DEBK J.
APPLICANT: ELITS, CATHERINE E.
APPLICANT: CHAMBERS, JON K.
TITLE OF INVENTION: A METHOD OF FINDING AGONIST AND
TITLE OF INVENTION: ANTAGONIST TO HUMAN 11CB SPLICE VARIANT
FILE REFERENCE: GP-50003-D2
CURRENT FILING DATE: 2001-08-09
PRIOR FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 60/032,763
PRIOR FILING DATE: 1996-12-11
PRIOR APPLICATION NUMBER: 08/984,288
PRIOR FILING DATE: 1997-12-03
PRIOR APPLICATION NUMBER: 60/073,747
PRIOR FILING DATE: 1998-02-05
PRIOR APPLICATION NUMBER: 09/060,504
PRIOR FILING DATE: 1998-04-15
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 7
LENGTH: 19
TYPE: PRT
ORGANISM: HOMO SAPIENS
US-09-925-776-7

Query Match 100.0%; Score 113; DB 10; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e-11;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFDLRCMLGRYRRCMOV 19
DB 1 DFDLRCMLGRYRRCMOV 19

RESULT 3
US-09-791-932-184
Sequence 184, Application US/09791932
Publication No. US20030003451A1
GENERAL INFORMATION:
APPLICANT: VOGELI, GABRIEL
APPLICANT: PARODI, LUIS A.
APPLICANT: HIEBESCH, RONALD R.
APPLICANT: LIND, PETER
APPLICANT: KEYTES, PAUL S.

APPLICANT: RUFF, Valerie
APPLICANT: RUFF, Rita M.
APPLICANT: WOOD, Linda S.
TITLE OF INVENTION: No. US20030003451A1 G Protein-Coupled Receptors Cross-Ref
FILE REFERENCE: 00325.US1
CURRENT FILING DATE: 2001-02-23
PRIOR FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: 60/184,305
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,304
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,303
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,397
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/184,247
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/188,880
PRIOR FILING DATE: 2000-03-13
PRIOR APPLICATION NUMBER: 60/217,369
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/217,370
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/218,492
PRIOR FILING DATE: 2000-07-20
PRIOR APPLICATION NUMBER: 60/186,810
PRIOR FILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: 60/188,064
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: 60/186,457
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: 60/213,861
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: 60/194,344
PRIOR FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: 60/218,337
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 184
SOFTWARE: Patent version 3.0
SEQ ID NO 184
LENGTH: 17
TYPE: PRT
ORGANISM: Salmon
US-09-791-932-184

Query Match 77.0%; Score 87; DB 9; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.4e-07;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 3 DMLRCMLGRYRRCMOV 19
DB 1 DMLRCMLGRYRRCMOV 17

RESULT 4
US-09-867-550-486
Sequence 486, Application US/09867550
Patent No. US20020082206A1
GENERAL INFORMATION:
APPLICANT: LEACH, Martin D.
APPLICANT: MEHRABAN, Fuad.
APPLICANT: CONLEY, Pamela
APPLICANT: LAW, Debbie
APPLICANT: TOPPER, James
TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells a
TITLE OF INVENTION: Thereby
FILE REFERENCE: 21402-013 (Gura-313)
CURRENT FILING DATE: 2001-09-20
PRIOR FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: USN 60/208,427
PRIOR FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 2125
SOFTWARE: FASTSEQ for Windows Version 4.0

RESULT 9
US-10-062-548-62

; Sequence 62, Application US/10062548
; Publication No. US2003009682A1
; GENERAL INFORMATION:

APPLICANT: Rosen et al.
TITLE OF INVENTION: 44 Human Secreted Proteins

FILE REFERENCE: P2024P1
CURRENT APPLICATION NUMBER: US/10/062,548

PRIOR FILING DATE: 2002-02-05
PRIOR APPLICATION NUMBER: 09/369,247

PRIOR FILING DATE: 1999-08-05
PRIOR APPLICATION NUMBER: 60/074,118

PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074,157

PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074,137

PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074,341

PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074,141

PRIOR FILING DATE: 1998-02-09
NUMBER OF SEQ ID NOS: 172

SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 62

LENGTH: 184
TYPE: PRT

ORGANISM: Homo sapiens
US-10-062-548-62

Query Match 36.3%; Score 41; DB 9; Length 184;
Best Local Similarity 40.0%; Pred. No. 51;
Matches 6; Conservative 4; Mismatches 3; Indels 2; Gaps 1;

QY 3 DMLRCMLGRVYRRCW 17
DB 157 DLKCL--RTHAPCW 169

RESULT 10
US-10-318-142-6

; Sequence 6, Application US/10318142
; Publication No. US2003007662A1
; GENERAL INFORMATION:

APPLICANT: Yamamouchi Pharmaceutical Co., Ltd.
TITLE OF INVENTION: A novel G protein coupled receptor protein

FILE REFERENCE: Y9905
CURRENT APPLICATION NUMBER: US/10/318,142

PRIOR FILING DATE: 2002-12-13
PRIOR APPLICATION NUMBER: US/09/622,439

PRIOR FILING DATE: 2000-08-17
PRIOR APPLICATION NUMBER: JP P1998-060245

PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: JP P1999-026774

PRIOR FILING DATE: 1999-02-03
NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6

LENGTH: 373
TYPE: PRT

ORGANISM: Homo sapiens
US-10-318-142-6

Query Match 36.3%; Score 41; DB 9; Length 373;
Best Local Similarity 40.0%; Pred. No. 1e+02;
Matches 6; Conservative 4; Mismatches 3; Indels 2; Gaps 1;

QY 3 DMLRCMLGRVYRRCW 17
DB 346 DLKCL--RTHAPCW 358

RESULT 11
US-10-318-142-26

; Sequence 26, Application US/10318142
; Publication No. US2003007662A1
; GENERAL INFORMATION:

APPLICANT: Yamamouchi Pharmaceutical Co., Ltd.
TITLE OF INVENTION: A novel G protein coupled receptor protein

FILE REFERENCE: Y9905
CURRENT APPLICATION NUMBER: US/10/318,142

PRIOR FILING DATE: 2002-12-13
PRIOR APPLICATION NUMBER: US/09/622,439

PRIOR FILING DATE: 2000-08-17
PRIOR APPLICATION NUMBER: JP P1998-060245

PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: JP P1999-026774

PRIOR FILING DATE: 1999-02-03
NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 26

LENGTH: 373
TYPE: PRT

ORGANISM: Rat coronavirius
US-10-318-142-26

Query Match 36.3%; Score 41; DB 9; Length 373;
Best Local Similarity 40.0%; Pred. No. 1e+02;
Matches 6; Conservative 4; Mismatches 3; Indels 2; Gaps 1;

QY 3 DMLRCMLGRVYRRCW 17
DB 346 DLKCL--RTHAPCW 358

RESULT 12
US-09-760-354A-2

; Sequence 2, Application US/09760354A
; Patent No. US20020042385A1
; GENERAL INFORMATION:

APPLICANT: Bergsma, Derek S.
APPLICANT: Elshourbagy, Nabih

TITLE OF INVENTION: CLONING OF A NOVEL 7TM RECEPTOR AXOR-2
FILE REFERENCE: GP-70433-C1

CURRENT APPLICATION NUMBER: US/09/760,354A
PRIOR FILING DATE: 2001-01-12

PRIOR APPLICATION NUMBER: US 60/083,034
PRIOR FILING DATE: 1998-04-24

PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 4

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2

LENGTH: 373
TYPE: PRT

ORGANISM: HOMO SAPIENS
US-09-760-354A-2

Query Match 36.3%; Score 41; DB 10; Length 373;
Best Local Similarity 40.0%; Pred. No. 1e+02;
Matches 6; Conservative 4; Mismatches 3; Indels 2; Gaps 1;

QY 3 DMLRCMLGRVYRRCW 17
DB 346 DLKCL--RTHAPCW 358

RESULT 13
US-10-073-885-77

; Sequence 77, Application US/10073885
; Publication No. US20030096346A1
; GENERAL INFORMATION:

APPLICANT: Rosen et al.

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1  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
2  FILE REFERENCE: PJ03031
3  CURRENT APPLICATION NUMBER: US/10/073,885
4  CURRENT FILING DATE: 2002-02-14
5  Prior Application removed - See file Wrapper or Palm
6  NUMBER OF SEQ ID NOS: 116
7  SOFTWARE: PatentIn Ver. 2.0
8  SEQ ID NO 77
9  LENGTH: 378
10 TYPE: PRT
11 ORGANISM: Homo sapiens
12 US-10-073-885-77

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Query Match 36.38; Score 41; DB 9; Length 378;
Best Local Similarity 40.08; Pred. No. 1e+02;
Matches 6; Conservative 4; Mismatches 3; Indels 2; Gaps 1.

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OY      3 DMLRCMLGRVYRRCW 17
          | : : | : | |
Db      351 DLKKCL--RTHAPCW 363
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RESULT 14
 US-10-060-425-2
 Sequence 2, Application US/10060425
 Patent No. US30020164650A1
 GENERAL INFORMATION:
 APPLICANT: Hiesbach, Ronald
 TITLE OF INVENTION: Methods of Assessing
 File Reference: 00450 US1
 CURRENT APPLICATION NUMBER: US/10/060,425
 PRIOR FILING DATE: 2002-01-30
 PRIOR APPLICATION NUMBER: 60/266,385
 PRIOR FILING DATE: 2001-02-02
 NUMBER OF SEQ ID NOS: 17
 SOFTWARE: Patentin version 3.1
 SEQ ID NO 2
 LENGTH: 890
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-060-425-2

Query Match	36.38;	Score 41;	DB 9;	Length 890;
Best Local Similarity	42.98;	Pred. No. 2.4e+02;		
Matches	6;	Conservative	2;	Mismatches 6;
				Indels 0;
				Gaps 0;

Oy	3	DMLRCMLGRVYRPC	16
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Db	729	DMMRCILYGEAYYPAC	742

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RESULT 15
US-10-060-425-8
Sequence 8, Application US/10060425
Patent No. US20020164650A1
GENERAL INFORMATION:
APPLICANT: Hiesch, Ronald
TITLE OF INVENTION: Methods of Assessing
File REFERENCE: 00450 us1
CURRENT APPLICATION NUMBER: US/10/060,425
CURRENT FILING DATE: 2002-01-20
PRIOR APPLICATION NUMBER: 60/266,385
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 890
TYPE: PRT
ORGANISM: Rattus norvegicus
US-10-060-425-8

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Query Match	36.38; Score 41; DB 9; Length 890;
Best Local Similarity	42.98; Pred. No. 2.4e+02;

Matches	6;	Conservative	2;	Mismatches	6;	Indels	0;	Gaps	0;
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		: :							
Db	731	DMMRCILGEAYRSC	744						

Search completed: June 12, 2003, 15:38:29
Job time : 20 secs .